

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A recombinant nucleic acid comprising a nucleotide sequence encoding an autocatalytically cleaving ribozyme and ~~one or more~~ a trans-acting ribozyme(s), ribozyme, wherein said nucleotide sequence is operably linked to a [[tissue-specific or pathogen-specific]] promoter with the proviso that said promoter is not a target-specific promoter that targets bacteria, wherein said autocatalytically cleaving ribozyme comprises a first arm of complementary sequence and a second arm of complementary sequence, wherein the cleavage site of said autocatalytically cleaving ribozyme is located between said first and second arms, and wherein one of said first and second arms is proximal to said trans-acting ribozyme, and the other of said first and second arms is longer than the corresponding arm of a pCLIP cassette.

Claims 2-3 (Cancelled)

4. (Currently Amended) The recombinant nucleic acid of claim [[2]] 1, wherein ~~the ribozyme cassette is pChop (as depicted in FIG. 3)~~ said nucleotide sequence encodes a pChop cassette.

5. (Currently Amended) The recombinant nucleic acid of claim [[2]] 1, wherein ~~the ribozyme cassette is pSnip (as depicted in FIG. 4)~~ said nucleotide sequence encodes a pSnip cassette.

6. (Cancelled)

7. (Currently Amended) The recombinant nucleic acid of claim 1, wherein said recombinant nucleic acid comprises A vector comprising the recombinant nucleic acid claim 3, and an origin of replication.

Claims 8-9 (Cancelled)

10. (Currently Amended) A recombinant cell containing the vector of claim 6 a recombinant nucleic acid comprising a nucleotide sequence encoding an autocatalytically cleaving ribozyme and a trans-acting ribozyme, wherein said nucleotide sequence is operably linked to a promoter with the proviso that said promoter is not a target-specific promoter that targets bacteria, wherein said autocatalytically cleaving ribozyme comprises a first arm of complementary sequence and a second arm of complementary sequence, wherein the cleavage site of said autocatalytically cleaving ribozyme is located between said first and second arms, and wherein one of said first and second arms is proximal to said trans-acting ribozyme, and the other of said first and second arms is longer than the corresponding arm of a pCLIP cassette.

11. (Cancelled)

12. (Currently Amended) A virion comprising a recombinant nucleic acid comprising a nucleotide sequence encoding an autocatalytically cleaving ribozyme and [[one or more trans-acting ribozyme(s), operably linked to a tissue-specific or pathogen-specific promoter]] a trans-acting ribozyme, wherein said nucleotide sequence is operably linked to a promoter with the proviso that said promoter is not a target-specific promoter that targets bacteria, wherein said autocatalytically cleaving ribozyme comprises a first arm of complementary sequence and a second arm of complementary sequence, wherein the cleavage site of said autocatalytically cleaving ribozyme is located between said first and second arms, and wherein one of said first

and second arms is proximal to said trans-acting ribozyme, and the other of said first and second arms is longer than the corresponding arm of a pCLIP cassette.

Claims 13-16 (Cancelled)

17. (Currently Amended) A liposome composition comprising a recombinant nucleic acid comprising a nucleotide sequence encoding an autocatalytically cleaving ribozyme and [[one or more trans-acting ribozyme(s); operably linked to a tissue-specific or pathogen-specific promoter]] a trans-acting ribozyme, wherein said nucleotide sequence is operably linked to a promoter with the proviso that said promoter is not a target-specific promoter that targets bacteria, wherein said autocatalytically cleaving ribozyme comprises a first arm of complementary sequence and a second arm of complementary sequence, wherein the cleavage site of said autocatalytically cleaving ribozyme is located between said first and second arms, and wherein one of said first and second arms is proximal to said trans-acting ribozyme, and the other of said first and second arms is longer than the corresponding arm of a pCLIP cassette.

18. (Cancelled)

19. (Currently Amended) The recombinant nucleic acid of claim [[2]] 1, wherein said recombinant nucleic acid encodes ~~encoding~~ more than one trans-acting ribozyme.

20. (Currently Amended) The recombinant nucleic acid of claim 19, wherein the trans-acting ribozymes are targeted to different sites on the same target-RNA.

21. (Currently Amended) The recombinant nucleic acid of claim 19, wherein the trans-acting ribozymes are targeted to different target-RNAs.

22. (Currently Amended) The recombinant nucleic acid of claim [[2]] 1, wherein said recombinant nucleic acid encodes ~~encoding~~ more than one ribozyme cassette.

23. (Currently Amended) The recombinant nucleic acid of claim [[2]] 1, wherein said recombinant nucleic acid encodes ~~encoding~~ at least two different ribozymes cassettes.

24. (Currently Amended) The recombinant nucleic acid of claim [[2]] 1, wherein said recombinant nucleic acid encodes ~~encoding~~ more than one copy of a ribozyme cassette.

25. (Cancelled)

26. (Currently Amended) The recombinant nucleic acid of claim [[2]] 1, wherein ~~at least one ribozyme cassette is operably linked to a promoter~~ said trans-acting ribozyme is targeted to a transcript selected from the group consisting of: pol II, HBV, pol III, RB, IGF1, SH, pol I, HPV, C3, C9, B2, Tel, TGF.beta., CAT, PpaR.alpha., p4501E1, AR, and SF1 transcripts.

Claims 27-34 (Cancelled)

35. (Currently Amended) The recombinant nucleic acid of claim 1 ~~or 2 that is stabilized by,~~ wherein said nucleotide sequence encodes a hairpin loop.

36. (Currently Amended) The recombinant nucleic acid of claim [[2]] 1, wherein said nucleotide sequence encodes multiple ribozyme cassettes [[are]] linked together by at least 4 [[to 5]] nucleotides.

37. (Cancelled)

38. (Currently Amended) The recombinant nucleic acid of claim 1, wherein [[the]] said nucleotide sequence is operably linked to a tissue-specific promoter, wherein said tissue-specific promoter is a K4 promoter, K7 promoter, K13 promoter or albumin promoter.